

I CLAIM:

1. A method of removing particulates from a gas stream, said method comprising continuously adding water to said gas stream at a first location, continuously condensing said gas stream to remove water from said gas stream at a second location, said particulates being removed from said gas stream with said water, said second location being downstream from said first location.
2. A method of removing particulates from a gas stream, said method including the step of adding water to said gas stream using spray nozzles.
3. A method of removing particulates from a gas stream as claimed in claim 1, said method including the step of adding water to said gas stream until said gas stream is saturated with water.
4. A method of removing particulates from a gas stream including the step of adding water until said gas stream contains free water.
5. A method of removing particulates from a gas stream as claimed in claim 1, said method including the step of condensing said gas stream using a condensor located at said second location.
6. A method of removing particulates from a gas stream as claimed in claim 5 wherein there is a scrubber located between said

first location and said condensor, said method comprising passing said gas stream through said scrubber before said condensor.

7. A method of removing particulates from a gas stream as claimed in claim 6, said method including the step of using said scrubber to remove some of said water and particulates.

8. A method of removing particulates from a gas stream as claimed in claim 6 wherein said scrubber is located at said first location, said method including the step of continuously adding water to said gas stream within said scrubber.

9. A method of removing particulates from a gas stream as claimed in claim 1 and there is a blower located in said gas stream to move said gas stream and a rotor to remove water from said gas stream, said method including the steps of using said blower to move said gas stream from said first location to said second location, and rotating said rotor to remove water and particulates from said gas stream.

10. A method of removing particulates from a gas stream as claimed in claim 6 wherein there is a fan located in said scrubber, said method including the step of operating said fan to move said gas stream from said first location to said second location.

11. A method of removing particulates from a gas stream as claimed in claim 5, said method including the step of operating said condensor to remove substantially all of said water added to said gas stream at said first location.

12. A method of removing particulates from a gas stream as claimed in claim 8 including the step of condensing said gas stream using a condensor located at said second location to remove substantially all of said water added to said gas stream prior to said condensor.

13. An emission control system for use with a gas stream containing particulates, said system comprising a water supply connected to continuously add water to said gas stream at a first location, a condensor located at a second location downstream from said first location, said condensor being connected to operate at a lower temperature than the temperature of said gas stream, said condensor having a drain for water and particulates that are removed from said gas stream.

14. An emission control system as claimed in claim 13 wherein there are spray nozzles located at said first location to continuously add water to said gas stream.

15. An emission control system as claimed in claim 13 wherein there is a scrubber located between said first location and said second location, said scrubber being connected to remove some of said water and particulates from said gas stream.
16. An emission control system as claimed in claim 13 wherein there is a scrubber located in said gas stream at said first location, said scrubber being connected to add water to said gas stream.
17. An emission control system as claimed in claim 13 wherein there is a blower located in said gas stream to move said gas stream between said first location and said second location.
18. An emission control system as claimed in claim 17 wherein there is a scrubber located in said gas stream at said first location and said blower is a fan located in said scrubber.
19. An emission control system as claimed in claim 15 wherein there is a fan located in said scrubber to move said gas stream between said first location and said second location.
20. An emission control system as claimed in claim 13 wherein there is a scrubber located in said gas stream between said first location and said second location, said scrubber being a wet scrubber.

21. An emission control system as claimed in claim 13 wherein said condenser is sized and operated to remove substantially all of said water that is added to said gas stream at said first location.